

### **Abstract**

In a method comprising comparing a solid phase carrier extract 1 obtained by pre-treating a sample with a ligand-immobilized solid phase carrier and a solid phase carrier extract 2 obtained by treating the pretreated sample again with a ligand-immobilized solid phase carrier in terms of the proteins contained therein, and identifying a protein whose content is remarkably decreased in the extract 2 compared to the extract 1, 1) the problem of the solubility of subject ligand, 2) the problem of the non-specific protein-denaturing effect of the subject ligand added, and the like, which have been problematic in antagonism experiments in target search using an affinity resin, have been solved.